Philips 6500 series
Full HD Slim LED TV
powered by Android™
with Ambilight 3-sided and
Perfect Pixel HD

139 cm (55")
Full HD LED TV
Dual Core; 8GB & expandable
DVB-T/C/S/S2

55PFK6580

Full HD Slim LED TV powered by Android

With Ambilight 3-sided

More than just good looking: the 6500 series FHD TV with the power of Android. We start with the Perfect Pixel HD engine for brilliant images; then add Ambilight, modern design, and real materials to take your experience to the next level.

Beautiful attention to detail
- Modern design complements today's interior
- Angled Central stand is a play on geometry
- Ambilight changes the way you look at TV forever

Passionate about Picture Quality
- Perfect Natural Motion for fluid, razor sharp moving images
- Micro Dimming Pro for incredible contrast
- Perfect Pixel HD—our award winning Picture Quality engine

With Android your TV can do it all
- Dual Core processing and Android OS for strong performance
- Android: for a faster, richer, more personal TV experience
- Keyboard remote control makes texting easy
- Spotify Connect—share your favorite music on TV

ambilight 3 · FullHD · PHILIPS

Full HD Slim LED TV powered by Android™ with Ambilight 3-sided and Perfect Pixel HD

55PFK6580/12

139 cm (55") Full HD LED TV, Dual Core; 8GB & expandable, DVB-T/C/S/S2

Highlights

Angled central stand

We chose a sophisticated high-gloss silver finish as the foundation for our Angled Central stand, and then paired it with an ultra slim angled neck to create a TV design that blends beautifully with any modern interior.

Modern contemporary design

Designed with a contemporary look to blend with your décor. Because your TV should look as beautiful off as it does on.

Ambilight 3-sided

You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by emitting an extra wide glow from three-sides of your TV screen onto the surrounding wall. Color, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

Micro Dimming Pro

Micro Dimming Pro optimizes the contrast on your TV based on the light conditions in your environment. A light sensor and special software analyze the picture in 6400 different zones so you'll enjoy incredible contrast and image quality for a truly lifelike visual experience—day or night.

Perfect Pixel HD

Building on our award winning heritage, we've elevated High Definition Picture Quality to a whole new level. Philips Perfect Pixel HD Engine delivers a fluid image that's razor sharp. From richer more vibrant colors with natural skin tones, to deeper blacks and brighter whites, every detail is a feast for your eyes.

Dual Core + Android

With Android on your TV you'll navigate, launch apps and play videos in a way that is super fast, super intuitive, and super fun. The Android robot liberates the power of our Dual Core processor to get things done with speed and ease.

Android

With Android on your Smart TV you'll enjoy a fast processor and user-friendly interface. Its your launch control to endless content: from Google Play™, to Netflix, to an Internet Browser… and so much more. There's an easy to navigate menu with direct links to your favorites.

Remote Control with Keyboard

Take control. Our totally intuitive remote control has all the usual perks like cursor keys, volume control and short cut buttons. Flip the remote over to access a full keyboard for easy text entry in any situation.

Spotify Connect

All your favorite music is stored on your phone—but wouldn't you rather hear it on your more powerful TV speakers? With Spotify Connect, you can easily play Spotify on your TV using the Spotify app on your phone as a remote. Just hit the play button and the music will switch to your TV speakers. No wires, no hassle… just sit back and relax.

Perfect natural motion

You love watching movies, but demand the best image possible. Perfect Natural Motion is our award winning motion enhancement technology that resolves judder, providing you with the ultimate smooth moving image. Films are recorded at a frame rate of 24 frames per second. PNM quadruples the number of frames to 100 motion changes per second. This resolves judder, so you'll enjoy fluid motion with razor sharpness.

ambilight 3 · PerfectPixel HD ENGINE · PerfectNatural MOTION · MICRO DIMMING PRO · 800Hz PERFECT MOTION RATE · Google play · Spotify · A++

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Specifications

Ambilight
- Ambilight Version: 3 sided
- Ambilight Features: Wall colour adaptive, Lounge mode, Game Mode, Ambilight+hue

Picture/Display
- 3D: 2 Player Full Screen Gaming*, 2D to 3D conversion, 3D Depth adjustment, Active 3D, Auto 3D detection
- Display: LED Full HD
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 1920x1080p
- Aspect ratio: 16:9
- Brightness: 350 cd/m²
- Pixel engine: Perfect Pixel HD
- Picture enhancement: 800 Hz Perfect Motion Rate, Micro Dimming Pro, Super Resolution, Perfect Natural Motion

Android
- OS: Android™ 5.0 (Lollipop)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google search, Voice Search, YouTube, Netflix*
- Memory size: 8GB, extendable via USB storage

Smart TV Features
- User Interaction: MultiRoom Client and Server, SimplyShare, Wi-fi Miracast Certified*
- Interactive TV: HbbTV
- Program: Pause TV, USB Recording*
- SmartTV apps*: Online Video Stores, Open Internet Browser, Social TV, Spotify, TV on Demand, Youtube
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop Smart Menu button, Onscreen Usermanual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Basic - Fill Screen, Fit to Screen, Advance - Shift, Zoom, Stretch
- Philips TV Remote app*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
- Remote Control: with Keyboard

Sound
- Output power (RMS): 20W
- Sound Enhancement: Incredible Surround, Clear Sound, Auto Volume Leveller, Smart Sound, Triple Surround

Connectivity
- Number of HDMI connections: 4
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless connections: Dual Band, Wi-Fi Direct, Wi-Fi 11n 2x2 integrated
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Audio in (DVI), Headphone out, Service connector, Satellite Connector
- HDMI features: Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play

Multimedia Applications
- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC
- Subtitles Formats Support: .SMI, .SRT, .SSA, .SUB, .TXT, .ASS
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, JPS, PNG, PNS, BMS, MPO

Supported Display Resolution
- Computer inputs on all HDMI: up to FHD 1920x1080@60Hz, @60Hz
- Video inputs on all HDMI: up to FHD 1920x1080p, @ 24, 25, 30, 50, 60Hz

Tuner/Reception/Transmission
- Digital TV: DVB-T/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext

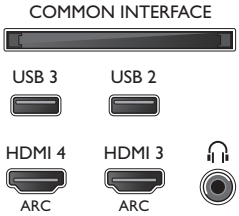
Power
- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Energy Label Class: A++
- Eu Energy Label power: 61 W
- Annual energy consumption: 88 kW h
- Standby power consumption: < 0.5 W
- Off mode power consumption: < 0.3 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)

Dimensions
- Box dimensions (W x H x D): 1420 x 827 x 131 mm
- Set dimensions (W x H x D): 1239 x 726 x 79 mm
- Set dimensions with stand (W x H x D): 1239 x 774 x 279 mm
- Product weight: 15.1 kg
- Product weight (+stand): 18.5 kg
- Weight incl. Packaging: 25.3 kg
- VESA wall mount compatible: 400 x 200 mm

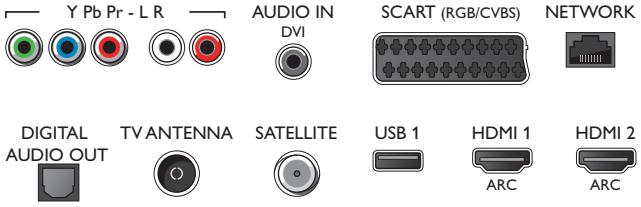
Accessories
- Included accessories: Remote Control, 2 x AAA Batteries, Table top stand, Power cord, Quick start guide, Legal and safety brochure, 4x 3D active glasses
- Optional accessories: 3D glasses PTA529, Active glasses PTA509

Connections

Side



Rear



* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age as their visual system is not fully developed yet.
* EPG and actual visibility (up to 8 days) is country and operator dependent.
* Android App offerings vary per country. For more details please visit your local Google Play Store.
* Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
* Cloud Gaming offering depends on game providers.
* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscripction are required. Contact your operator for more information.
* (Philips) only compatible with specific Philips player device.
* Google Cast functionality is subject to Google Cast Ready apps and devices. For more details please visit Google Cast product page.
* Philips TV Remote app and related functionalities vary per TV model, operator, and country, as well as smart device model and OS. For more details please visit: www.philips.com/TVRemoteapp.
* Smart TV app offerings vary per TV model and country. For more details please visit: www.philips.com/smarttv.
* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
* Compatibility depends on Wifi Miracast certification & Android 4.2 or later. For more details please refer to your device documentation.

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